

**LB:**

Total Volume (ml)	Tryptone (gr)	Yeast Extract (gr)	NaCl (gr)	For LB+AGAR add: (gr AGAR)
1000	10	5	10	15
800	8	4	8	12
500	5	2.5	5	7.5
400	4	2	4	6

**SOB- 100ml**

2gr tryptone

0.058gr NaCl

0.5gr Yeast extract

0.019gr KCl

After autolave: 1ml $\text{MgSO}_4$ 1M 1ml $\text{MgCl}_2$ 1M For SOC: add → 2ml glucose 1M
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**BioAssay:**

Total Volume (ml)	Tryptone (gr)	NaCl (gr)	MgSO <sub>4</sub> (ml)		PBS X10 (μl)	Glycerol 100% (μl) with cut tip	DW (ml)
			1M	2M			
400	0.2	2.32	20	10	400	120	to 400ml
200	0.1	1.16	10	5	200	60	to 200ml